

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions of claims in the application.

1. (Currently amended) A thermally conductive fire-retardant flexible sheet comprising (A) a (meth)acrylic polymer containing 0-0.7% by weight phosphorus, (B) a halogen-free flame retardant selected from the group consisting of an organophosphorus compound ~~not substantially copolymerizable with a (meth)acrylic monomer~~, a triazine skeleton-containing compound, an expanded graphite and polyphenylene ether, and (C) a hydrated metal compound, wherein the composition includes the hydrated metal compound in an amount of ~~40-90~~ 48-60 vol% of the total volume of the composition, wherein the thermally conductive sheet is fire-retardant and flexible.

2. (Original) A thermally conductive sheet according to claim 1, wherein the hydrated metal compound is selected from the group consisting of aluminum hydroxide, magnesium hydroxide, barium hydroxide, calcium hydroxide, dawsonite, hydrotalcite, zinc borate, calcium aluminate and zirconium oxide hydrate.

3. (Previously presented) A thermally conductive sheet according to claim 1, wherein the halogen-free flame retardant is an organophosphorus compound and is included in an amount of 5-100 parts by weight to 100 parts by weight of the (meth)acrylic monomer constituting the (meth)acrylic polymer.

4. (Withdrawn) A thermally conductive sheet according to claim 1, wherein the halogen-free flame retardant is a triazine skeleton-containing compound and is included in an amount of 0.5-100 parts by weight to 100 parts by weight of the (meth)acrylic monomer constituting the (meth)acrylic polymer.

5. (Withdrawn) A thermally conductive sheet according to claim 1, wherein the halogen-free flame retardant is an expanded graphite and is included in an amount of 1-100 parts by weight to 100 parts by weight of the (meth)acrylic monomer constituting the (meth)acrylic polymer.

6. (Withdrawn) A thermally conductive sheet according to claim 1, wherein the halogen-free flame retardant is polyphenylene ether and is included in an amount of 1-100 parts by weight to 100 parts by weight of the (meth)acrylic monomer constituting the (meth)acrylic polymer.

7. (Currently amended) A thermally conductive sheet according to claim 3, wherein the (meth)acrylic polymer has a phosphorus content ~~greater than 0% and no greater than~~ of 0.4 to 5.2% by weight of the (meth)acrylic polymer, and further wherein the composition includes the hydrated metal compound in an amount of 60 vol%.

8. (Previously presented) A thermally conductive sheet according to claim 1, which achieves high flame retardancy corresponding to a V0 rating under Underwriters Laboratories Inc. (UL) Standard No. 94.